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Release Notes
Grants.gov System Services

March 27, 2009

Release Notes 2009-01 V2

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Table of content

Purpose

This document defines the release of build **2009-01** of Grants.gov.   It includes the scope, estimated schedule, identifies risks or impacts, functional release notes, as well as recommendations for mitigation and management. In addition, this document provides Acceptance Testing release notes, operational release notes, and Functional Test Cases that satisfy requirements associated with Deliverables 4.5.1 and 4.5.2.

Background

Software changes are collected from various sources as System Change Requests (SCRs) in the PVCS Tracker System. SCRs are categorized and go through a review process established by the Internal Control Board (ICB) of Grants.gov. SCRs gain approval through this process for inclusion in a Build.

Scope

The details of each SCR are listed in Appendix A, Operations Release Notes listed in Appendix B, test cases for each SCR are listed in Appendix C, and Requirements for SCR # 8652 are listed in Appendix D. Below is the list of SCR's approved by the ICB to be included in release 2009-01:

Id	Title	Category	Functional Areas	Originator	Related SCRs	Request Type	Defect Severity	Submit Date	Target Release
8462	Provide applicants with ability to upload package(s) via HTTPS	Apply	Applicant	Mikael Baker		Enhancement	Major	7/30/08	2009-01
8562	Migrate grantor credential registration from ORC to Grants.gov	Apply	Agency	Marwan Abu-Fadel		Enhancement	Major	4/3/09	2009-01

Id	Title	Category	Functional Areas	Originator	Related SCRs	Request Type	Defect Severity	Submit Date	Target Release
8662	CCR modification to import the new CCR feed	Apply	Applicant	Marwan Abu-Fadel		System Req.	Major	3/4/09	2009-01
8686	Update Hibernate 2 to Hibernate 3	Apply	Application Submission	Marwan Abu-Fadel		System Req.	Major	3/19/09	2009-01

Emergency SCR's added to this build:

None

Schedule

#	Activity	Scheduled Completion Date	Primary Owner	Deliverable (for a description , see section, below)
1.	Release Planning and Approval	2/23/2009	ICB	• Release Planning (this document)
2.	Outreach / Communications planning	3/06/2009	Outreach	• Communication plan
3.	Documentation Management Planning	3/06/2009	IV&V, SI, PMO	• Documentation Management Plan
4.	Impact Management planning	TBA	IV&V	• Impact Management Plan
5.	Development, Unit and Integration Testing	03/19/2009	SI	• Test Release • Release Notes for Acceptance Testing
6.	Release to Acceptance Testing AT07	3/23/2009	SI	• Release Build
7.	Acceptance Testing – Round 1	03/25/2009	IV&V	• Test report
8.	SCR Re-work	03/26/2009	SI	• Test Release • Updated Release Notes if required • Release Notes for Operations
9.	Acceptance Testing – Round 2	03/27/2009	IV&V	• Test report
10.	SCR Development	03/27/2009	SI	• Test Release
11.	Acceptance Testing – Round 3	03/27/2009	IV&V	• Acceptance Testing – Round 4 recommendation
12.	SCR Development	03/27/2009	SI	• Test Release • Updated Release Notes if required • Implemented 4 new SCR's
13.	Deployment Readiness Review	03/27/2009	PMO	• Deployment Decision Final
14.	Deployment	03/28/2009	SI	• Release deployed in production • Documentation Updates

15.	Post deployment review	3/29/2009	PMO	• Lessons Learned

Risk/Impact

SCR implementation may impact Grants.gov customers and other stakeholders.   The impact may be functional or operational. It may affect security, usability or performance of the application or require privacy considerations.

Risks or Impacts

Risk or Impact	Management Strategy
8652 Migrate grantor credential registration from ORC to Grants.gov	Agency users must be notified and a training document will be available to all agency users.
8462: Provide applicants with ability to upload package(s) via HTTPS	Pilot SYSTEM for PMO Review Only

Approvals

Approval Level	Date Received	Approver
Approval for Build	Content, 2/20/2009	Dima Smirnoff
Cost / Schedule Approval	ICM- 2/29/2009	Dima Smirnoff & PMO
Deployment to AT07	3/23/2009	Marwan Abu-Fadel
Final Deployment to AT07	3/28/2009	Marwan Abu-Fadel

Deliverables

Communications Plan

Representative items include communication with applicants and training for contact center staff; agency communications should consider deployment impact on closings.

Release Notes

Release Notes for Acceptance Testing does include enough details and test cases about how a feature or bug fix is implemented to facilitate IV&V testing. SI will also include the test cases used to approving the SCR to be promoted to AT07.

Release Notes for Operations (Appendix A: SCR Acceptance Testing Release Notes) does include required details about web/application server or database configuration changes and any component dependencies to allow the operations staff to install the build.

Systems Operations Guide

The System Operations Guide maintained by the operations staff shall be updated with every build based on the Build notes if required.

Version Control

Version Number	Author	Brief Summary of Update	Date
1.0	M Abu-Fadel	Release Notes for AT07 Release review	3/23/2009
1.1	M Abu-Fadel	Release Notes for AT07 Release Corrected AT07 Links and added test case as an image	3/24/2009

Known Issues:

TMP requires updating the instruction and the agency register url as well as the Agency login url. Below are the links to start the registration process.

Agency Login url:
https://at07apply.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp

Agency Register url:
https://at07apply.grants.gov/apply/agencyUserRegister.faces

Rework Issues and SI Comments:

Round 2 Rework Issues and SI Comments:

Based on the PMO/IV&V/SI meeting on 3/26/2009 the following SCR were to be readdressed, some for new requirement changes, while others for correction. The conference call was concluded for GDIT to address the below SCR's.

SCR	Title	Testing issues to be addressed by SI	SI Comments
8562	Migrate grantor credential registration from ORC to Grants.gov	For password field error is not displayed until 'Submit' button is clicked .	**FIXED. password matching, invalid enrollment code, email already exists, and user name already exists, all these validations will happen when they click the "Continue" button**
		500 error on Agency Registration	**Fixed**
		No City, No Job Title even though they are Mandatory	**NO PROBLEM FOUND. It seems like they didn't leave the field empty, but rather put a space in it, which is not the same as leaving it empty and hence it passes validation.**
		incorrect hyperlinks for "Grantor resources" and "new grantor sign-up"	**FIXED. But we have an exception from TMP See email below:** **Hi Marwan,** **We will have this corrected; this page (Agency User Sign Up page): http://at07web.grants.gov/agencies/agency_user_signup.jsp no longer exists it was replaced by (Agency Registration): http://at07web.grants.gov/agencies/agency_user_registration.jsp .** **We will redirect anyone still using bad link – "Agency User Sign Up" page link:**

		http://at07web.grants.gov/agencies/agency_user_ signup.jsp to the new "Agency Registration" page, to ensure that anyone still using the bad link will still view valid content and not receive the 404 error. **Thanks,** **Mya**
	new opportunities in Google not visible	**PROBLEM with Google mini. Crawling gets paused, don't know why or how it happens, but has happened in the past a bunch of times in AT07 we will open a ticket with Google IF the Google mini is still under warranty coverage.**

Correction to requirements:

Release Document Test Case Issues
1. Page 22 - RID 589 has "Agency Code, email and username should be unique for the agency code."
    a. Correction - Username is unique for the whole system, not just for the given agency code.
2. Page 23 - RID 592 has ".... user name and email address are unique in the system"
    a. Correction - Email address is expected to be unique for a given agency code.

RID 589:

UPDATED -- NEW REQUIREMENT IS:
Agency code, and email should be unique for the agency code.

UPDATED -- ORIGINAL REQUIREMENT WAS:
Agency code, email and username should be unique for the agency code.

RID 592:

UPDATED -- NEW REQUIREMENT IS:
Submit Button: On Select validate that user name and email address (email validated in the previous screen) are unique for the agency code and the user name is unique in the system

Display Confirmation message on top "Registration Successful" and Continue Button.

UPDATED -- ORIGINAL REQUIREMENT WAS:
Submit Button: On Select validate that user name and email address (email validated in the previous screen) are unique in the system

Display Confirmation message on top "Registration Successful" and Continue Button.

Appendix A: SCR Acceptance Testing Release Notes

SCR Functional Release Notes:

SCR	Title	Requirements
8652	Migrate grantor credential registration from ORC to Grants.gov	Due to the size of the requirements the list is published under Appendix d for this document for this ticket.
8462	Provide applicants with ability to upload package(s) via HTTPS	Pilot SYSTEM for PMO Review Only no requirements available just a concept.
8662	CCR modification to import the new CCR feed	Requirements in system documentation
8686	Update Hibernate 2 to Hibernate 3	O&M release not requirements necessary this is part of the O&M section. Software version upgrade.

Appendix B: Operations Release Notes

Operations Release notes added to this build.

This build does alter some system operations and requires the PMO to communicate with the applicant community regarding the registration process.

Also this build requires TMP's effort to update the static site to address the new registration process and RSS feeds.

Appendix C: Functional Test Cases

SCR-8652

Migrate grantor credential registration from ORC to Grants.gov

2009_01 Build   **Tuesday, Mar 24, 2009**

TestCase ID:	2009_01_SCR_8652	Title:	Agency Registration			Test Date:	03-23-2009
Test Type:	Both (F&A)	Priority:	5 - Med	Last Chg Date of Test Header:	3/20/2009	Tester Name:	Kavitha Vemula

Objectives:	To test and make sure that the system is ready to do agency registration in house along with all existing legacy users.
Assumptions:	There are a few legacy agency users in the system.
Instructions:	Navigate to the Grants.gov test environment.

=================================== Test Script ===================================

Step	Stimulus/Action	Respond/Expected Result	RID				Status	Bug #
1	Navigate to the agency user registration page.Click on the ORC level 1 link.	User is in the registration page.Registration page is opened for ORC Level 1.	561				Pass	
2	Select Grants.Gov Check box.	Grants.gov Check box is selected.	562				Pass	
3	Make sure that the users are pointed back to Grants.gov user interface to finish the registration process.	User is in the Grants.gov registration page.	564 568	565	566	567	Pass	
4	Make sure that the First name field is required and it is of length 35 char.	Field is as expected.	569				Pass	
5	Make sure that the Middle initial is not required and is char(1).	Field is as expected.	570				Pass	
6	Make sure that the Last name is required and is char(60)	Field is as expected.	571				Pass	
7	Make sure that the DOB is required and a formatted as a date mm/did/yyyy is suggested in error message.	Field is as expected.	572				Pass	
8	Make sure that the Job title is required and is char(35).	Field is as expected.	573				Pass	
9	Make sure that the Agency code is required and is char(40).	Field is as expected.	574				Pass	
10	Make sure that the address line 1 is required and is char(50).	Field is as expected.	575				Pass	
11	Make sure that the address line 2 is not required and is char(50).	Field is as expected.	576				Pass	
12	Make sure that the city is required and is char(50).	Field is as expected.	577				Pass	
13	Make sure that the telephone is not required and is automatically formatted as nnn-nnn-nnnn(numeric(15)).	Field is as expected.	578				Pass	
14	Make sure that the zip code is conditionally required for country is USA and is char(5 or 9).	Field is as expected.	579				Pass	
15	Make sure that the country is required and is a pull down menu.	Field is as expected.	580	581			Pass	
16	Make sure that the email address is required and is char(50). Validation to check email address is unique for agency code should occur.	Field is as expected.	582				Pass	
17	Make sure that the secret question is required and is char(100).	Field is as expected.	583				Pass	
18	Make sure that the secret answer is required and is char(100).	Field is as expected.	584				Pass	
19	Make sure that the username is required and is char(25). This must be unique in the system.	Field is as expected.	585				Pass	
20	Make sure that the password is required and is char(25).	Field is as expected.	586				Pass	
21	Make sure that the confirm password is required and is char(25). Check for the match between password and confirm password.	Field is as expected.	587				Pass	
22	Check the Continue button to make sure that it is in red till filling up all mandatory fields and not in red after filling up all required fields.	Field is as expected.	588	589	590		Pass	
23	Click on the Continue button.	A screen with all the data entered earlier is displayed in read only format.	588				Pass	

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24	Make sure that this screen has Edit and Submit buttons.	Page has Edit and Submit buttons.	590		Pass	
25	Make sure that clicking on the Edit button enables user to edit the data.	Fields are editable after clicking on the Edit button.	591		Pass	
26	Click on the Submit button.	A confirmation message appears that this is successful.	592		Pass	
27	Make sure the user is navigated to the login page and prompted to login.	Agency user logged in and is in the landing page successfully.	593		Pass	
28	Log out of the system and navigate to the agency login page.	User is logged out successfully and is back on the agency login page.	593		Pass	
29	Make sure that there are 2 links on the login page for forgot my username and forgot my password options.	2 links are in the login page.	599		Pass	
30	Click on the forgot my user name link.	User is navigated to the Send me my username page.	602		Pass	
31	Enter the email address and agency code. Click on the submit button.	A successful message "An email was sent to your mailbox." should be displayed on the screen.	603 604 605		Pass	
32	"Check the email received to make sure that it is in the following format:-Form: Support@grants.govTo: Subject: Grants.gov login notificationYour email address, xxxx@domain.com, is associated with the following login name: Your Login NameTo sign in, visit the link below.https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jspIf clicking the link above does not work, copy and paste the URL in a new browser window instead.If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center.Thank you for using Grants.govContact Center:support@grants.gov1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)"	Email is received and it is formatted as expected.	604 605 606		Pass	
33	Try a legacy email address and make sure that results are the same.	Email is received and it is formatted as expected.	597		Pass	
34	Login using a legacy agency user id and make sure that user is prompted for finishing the registration process.	All legacy users are prompted for finishing registration on the first attempt to login. User is landed in the agency landing page.	597		Pass	
35	Click on the Reset my password link.	User is taken to the password reset page.	595		Pass	
36	Make sure that the right secret question is displayed and enter the secret answer.	User is prompted to change the password and confirm it.			Pass	
37	Log in as an agency user with modified password from above screen.	User is successfully logged in to the application and has the landing page as expected.			Pass	
38	Try the reset password option with a legacy user id.	Password is reset and emailed to the email address registered with the userid.	597		Pass	
39	"Check the email received to make sure that it is in the following format:-Form: Support@grants.govTo: Subject: Grants.gov login notificationYour username is associated with the following password: Your Password:To sign in, visit the link below.https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jspIf clicking the link above does not work, copy and paste the URL in a new browser window instead.If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center.Thank you for using Grants.govContact Center:support@grants.gov1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)"	Email is received and it is formatted as expected.	596		Pass	
40	Register a legacy agency user and make sure that no email is sent to the super user of the agency.	No email is sent to the super user of the agency.	607 608 609		Pass	

2009_01 Build   Tuesday, Mar 24, 2009

| 41 | Make sure that the registration process is successful. | Legacy user is logged into the system. | 610 | 611 | 612 | Pass | |

2009_01 Build   Tuesday, Mar 24, 2009

=================================== *Requirements* ===================================

2009_01_SCR_8652

RID   Requirement

561: Euth integration shall be terminated and all software and functions to support this functionality shall be removed like Oblix software.

562: Disable ORC functionality for Agency Users.

564: For a User to register as an Agency user, the Agency code must exist in TGroups database, as well as LDAP. This is created when the PMO office or Agency super user creates an Agency to be a member of Grants.gov community.

565: the system shall have a link to register as an Agency user under the Agency login screen. Register with Grants.gov as an Agency user

566: chose to register with grants.gov as an agency user and enters a valid agency's enrollment code. -Alpha Numeric Code-

567: A notification and authorization email request shall be sent to the Agency super user to authorize the new registered users as a member of that agency. No email notification will be sent to the agency super user when a legacy user updates their profile.

568: The System shall route the Agency user to profile reistration form.

569: First Name Required -Text 35 characters-

570: MI -middle initials Not Required - Alpha 1 characters-

571: Last Name -Required Alpha numeric 60 characters-

572: DOB -Required (display format of date) MM/DD/YYYY Format display format in error-

573: Job Title -Required Alpha numeric 35 characters-

574: Agency Code -Required Alpha numeric 40 characters -

575: Address 1-Required Alpha numeric 50 characters-

576: Address 2-Not Required Alpha numeric 50 characters-

577: City -Required Alpha numeric 50 characters-

578: Tel -Formatted as follow nnn-nnn-nnnn Required numeric 15 characters for the USA or free style for other countries display format in error for country USA only-

579: Zip Code Required If country USA is Selected, otherwise optional Alpha Numeric 5 or 9 Characters

580: State -Required If country USA is Selected, (Pull Down Menu)

581: Country -Required Pull down Menu List

582: E-Mail address -Required e-mail address formatted with @ and .x Must not exist in the system for that agency code

583: Secret Question -Required Alpha numeric 100 characters -

584: Secret Answer -Required Alpha numeric 100 characters

585: Username -Required Must not exist in the system. Username screen will be combined into one screen to eliminate one unnecessary hop to the server and hence making the UI better performing AlphaNumberic 25 Characters

586: Password -Required Alpha numeric 25 characters-

587: Confirm Password Must match the Password Case sensitive

588: Continue -Button- Display Data in next screen in Read only Format . If Required field are not populated display field in red.

589: Agency code, email and username should be unique for the agency code.

590: User Profile Review:
All fields shall be in read only mode

591: EDIT Button: If Selected Return the user to the previous page.

592: Submit Button: On Select validate that user name and email address (email validated in the previous screen) are unique in the system

Display Confirmation message on top "Registration Successful" and Continue Button.

593: Login Screen
A new login screen will be added, as well as two links:
Forgot my username (Link for forgot username screen)
Forgot my password (Link for forgot password screen)
Register with Grants.gov

595: Forgot My Password shall inheret the same functionality as Applicant Forgot My Password process

596: The email shell be formatted as follow:

Email received by the agency user shall be formatted as follow:
Form: Support@grants.gov
To:
Subject: Grants.gov login notification

Your email address, xxxx@domain.com, is associated with the following login name:

 Your Login Name

To sign in, visit the link below.

https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp
If clicking the link above does not work, copy and paste the URL in a new browser window instead.

If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center.

Thank you for using Grants.gov
Contact Center:
support@grants.gov

1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)

597: Legacy Agency User Login:

Once an agency user login the system shall validate if this agency user is a legacy –GG –agency user or new agency user –registered with grant.gov directly –if legacy agency user, system shall be redirected to the registration page to complete agency user information and follow the regular registration process. Once complete the legacy agency user shall be directed to the agency user landing page. Upon gathering registration data, system shall update ldap attributes on the user's profile (people branch) only and will keep user permissions enact.

599: Agency Login Screen:

username and password and two new links will be added to the login screen:

Forgot my username (Link for forgot username screen)

Forgot my password (Link for forgot password screen)

Register with Grants.gov

602: Forgot user name: Once the link is selected a second page will be displayed for agency users.

603: Agency user must enter their email address (required)

On submit

An email will be sent to the email address in the LDAP that match the email entered.

604: If The email address entered does not match LDAP an error will be displayed in red "Email address entered does not match our records"

To correct this, the super user must login to the system and supply the user name form "Manage Agency Users" link.

605: If the email address is correct a message will appear as follow "An email was sent to your mailbox"

The page will have2 links:

Back to login

forgot My password

606: Email received by the agency user shall be formatted as follow:

Form: Support@grants.gov

To:

Subject: Grants.gov login notification

Your email address, xxxx@domain.com, is associated with the following login name:

 Your Login Name

To sign in, visit the link below.

https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp

If clicking the link above does not work, copy and paste the URL in a new browser window instead.

If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center.

Thank you for using Grants.gov

Contact Center:

support@grants.gov

1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)

607: Legacy Agency Users 1st time login

608: Migrated legacy users must reset their password the 1st time they login to grants.gov. This functionality is the only way the new system can create a password for the user.

609: Legacy Agency User Login

610: Once an agency user login the system shall validate if this agency user is a legacy –GG – agency user or new agency user –registered with grant.gov directly–

611: If legacy agency user, system shall be redirected to the registration page to complete agency user information and follow the regular registration process.

612: Once complete the legacy agency user shall be directed to the agency user landing page. Upon gathering registration data, system shall update ldap attributes on the user's profile (people branch) only and will keep user permissions enact.

SCR-8462

Provide applicants with ability to upload package(s) via HTTPS:

This SCR is intended to explore the concept of grant submission uploads outside the normal Grants.gov workflow as a backup method of submission should normal means fail. The proof of concept should be demonstrated by SI based on a schedule set by the PMO and IV&V. After demonstration PMO & IV&V provide feedback and requirements to implement this functionality or remove it.

SCR-8662

CCR modification to import the new CCR feed. This script has already been released to production based on PMO's approval.

SCR-8686

Update Hibernate 2 to Hibernate 3:

Is a tool that is part of the grants.gov code, which is high performance object/relational persistence and query service. Hibernate test case is listed below:

Hibernate Test case

Test Case	Action	Result
	Agency functionality	
1	Navigate to home page.	User is in the home page.
2	Login as a grantor.	User is logged in.
3	Check the Welcome message on the left navigation bar for Name and agency code.	Welcome message is as expected.
4	Navigate to the Manage Agency User Profile page and update the profile.	Profile is updated.
5	Logout and log back in to make sure the updated profile is reflected in both welcome message and Manage Agency User profile page.	Profile is updated.
6	Navigate to the Set Agency Level page and set yourself to a sub agency.	Welcome message is updated to the sub-agency code and user is set to sub agency successfully.
7	Set back to the main agency.	User is set back to main agency and welcome message is updated.
8	Click on the Create Agency link and create a sub agency.	Sub agency created successfully and is displayed in the Set Agency level page.
9	Navigate to the Modify Agency page and make some modifications.	Profile is modified as expected.
10	Navigate to the Published opportunities page and make sure a list of published opportunities are displayed.	All the published opportunities for this agency are displayed.
11	Run the applicant report for a test applicant.	Applicant report is successful and all data is displayed.
12	Run the organization report.	Organization report is successful.
13	Run the applicant audit report.	Applicant audit report is successful.
14	Run the submission report.	Submission report is successful.
15	Navigate to the Manage Agency Users page and re-assign roles to a user.	Re-assign roles is successful.
16	Login as the modified agency user and make sure the left navigation bar is in sync with the changes made to roles.	Left nav bar is as expected.
17	Navigate to the Sign in page and create a new user for sub agency and main agency.	Registration is successful and users showed up in the Manage Agency users page.

18	Navigate to the Manage Agency users page and delete a user.	User is deleted without a problem.
19	Click on the Manage Application Templates page and create a new template.	A new template is created.
20	Make sure that old templates are displayed.	Old templates are displayed.
21	Navigate to the Manage Opportunities page to create a new opportunity, synopsis and a package.	A new opportunity , synopsis and package is created successfully.
22	Navigate to the View All Submitted Applications page and make sure both 2006 and 2007 submissions are part of the list by making different queries.	All the queries resulted in expected results.
23	Navigate to the Retrieve submitted applications and download both 2006 and 2007 submissions and acknowledge them.	Submissions are acknowledged and removed from this list as expected.
24	Make sure the above submission statuses are updated in View All submitted applications page.	View all submitted applications page has updated status as expected.
25	Assign Agency tracking numbers to 2006 and 2007 submissions.	Agency tracking numbers are assigned to both 2006 and 2007 submissions as expected.
26	Navigate to the Manage opportunities page and modify a synopsis.	Synopsis modification is successful.
27	Check the Get Version link in the Grants Gov Admin page to make sure that version is updated.	Version is updated as expected.
28	Submit an email synopsis and make sure that the synopsis is published.	Synopsis is published.
29	Make sure that emails are received during this process.	Emails are received as expected.

	Search Functionality	
30	Search for the opportunity created using Key word search.	All the results are as expected.
31	Search by funding opportunity number.	All the results are as expected.
32	Search by CFDA number.	All the results are as expected.
33	Search for opportunities from Browse by Category section.	All the results are as expected.
34	Search for opportunities from browse by agency section.	All the results are as expected.
35	Search for Keyword in the advanced search for open opportunities.	All the results are as expected.
36	Search for funding opportunity number with dates to search and funding activity picked in advanced search.	All the results are as expected.
37	Search by eligibility, CFDA number and closed opportunities in advanced search.	All the results are as expected.
38	Search by Agency and sub agency list and funding instrument type in advanced search page.	All the results are as expected.
39	Run the RSS script and look for the modified opportunities and newly created opportunities.	All the results are as expected.

	Applicant	
40	Login to the application as an exiting applicant.	Logged in as an applicant.
41	Navigate to the Manage Profile page and update the profile.	Profile is updated.
42	Navigate to the Check Application Status to make sure that both 2006 and 2007 submissions are diplayed for this user.	All submissions are part of the Check application Status page as expected.
43	Register a new organization applicant.	New organization applicant registered succesfully.
44	Register a new individual applicant.	New individual applicant registered successfully.
45	Log in as the new org applicant.	Logged in successfully.
46	Check the Manage applicant profile.	Manage applicant profile is as created.
47	Logout of the application.	Logged out.
48	Log in as the new individual applicant.	Logged in successfully.
49	Check the Manage applicant profile.	Manage applicant profile is as created.
50	Logout of the application.	Logged out.
51	Navigate to the applicant login page and test the forgot my user name link.	User name is emailed as expected.
52	Navigate to the applicant login page and test the forgot my password link.	Password is reset successfully.
53	Submit an application package.	Confirmation page is received.
54	Make sure that the package is validated and shows up in the Check application status of applicant and agencies submission pages.	Package is validated and is part of Check Application Status, View all submitted applications and Retrieve submitted applications.
55	Submit a Pure Edge Application package.	PE package is validated.

	E-Biz	
56	Log in to the application as an E-Biz user.	Logged in successfully.
57	Make sure the newly created applicants are part of the Manage Applicants page along with old applicants for this DUNS number.	Complete users list is displayed.
58	Assign and revoke AOR role to test applicants.	Role is assigned and revoked successfully.
59	Delete an applicant.	Applicant is deleted successfully.
60	Run the applicant audit report to make sure that these assign and revoke is audited.	Report has all the entries for assigning and revoking AOR role.
61	Make sure that the Check Application Status page has all the 2007 submissions for this DUNS.	All 2007 submissions for this DUNS is listed in Check Application Status page.
62	Log out of the application.	Logged out of the application.

	S2S Applicant	
63	Start the Tom cat server after updating the properties file to the right environment.	Tom cat server is up and running.
64	Navigate to the applicant S2S screen for Referential Implementation. http://localhost:8080/app-s2s-client/pages/index.jsp	User is in the applicant S2S index page.
65	Navigate to the Get Opportunity List Web service and search for opportunity number and CFDA using the Get Opportunities web service call.	Results are as expected.
66	Navigate to the Get Opportunity List Web service and search for competition id and CFDA using the Get Opportunities with Info web service call.	Results are as expected.
67	Navigate to the Submit Application web service and submit an application XML.	XML is validated.
68	Navigate to the Get Application List and try combinations of Status, opportunity number, tracking number and CFDA number.	Results are as expected.
69	Navigate to the Get App Status Detail web service call and Get Detailed status for a tracking number under this certificate.	Detailed Status of the tracking number is displayed.

	S2S Agency	
70	Update the properties file to the right environment.	Properties file updated.
71	Navigate to the C:\GrantsGovS2S_portable\AgencyClient\scripts folder from command prompt.	User is in the C:\GrantsGovS2S_portable\AgencyClient\scripts folder.
72	Execute the following command :- runtest.bat GetApplicationListTest	Application List is displayed for both 2006 and 2007 submissi for this agency.
73	Execute the following command :- runtest.bat GetApplicationTest [GRANTxxxxxxxx]	An application for this tracking number should be downloaded C:\GrantsGovS2S_portable\TEMP folder.
74	Execute the following command :- runtest.bat GetApplicationZipTest [GRANTxxxxxxxx]	An application zip for this tracking number should be downloa to C:\GrantsGovS2S_portable\TEMP folder.
75	Execute the following command :- runtest.bat ConfirmApplicationDeliveryTest [GRANTxxxxxxxx]	Database - TSTATUS table is updated to Received by Agency fo this submission.
76	Execute the following command :- runtest.bat AssignAgencyTrackingNumTest [GRANTxxxxxxxx] [xxxxxxxx]	Database - TSTATUS table is updated to Agency Tracking Num Assigned for this submission.
77	Execute the following command :- runtest.bat SaveAdobeOpportunityTest [C:/path/to/myOpportunityXml.xml]	A synopsis is created under this agency.
78	Execute the following command :- runtest.bat DeleteAdobeOpportunityTest [OPPORTUNITY NUMBER] [AGENCY ID IN OPPORTUNITY XML]	Opportunity is deleted for this agency.
79	Execute the following command :- runtest.bat DeleteAdobeSynopsisTest [OPPORTUNITY NUMBER] [AGENCY ID IN OPPORTUNITY XML]	Synopsis is deleted for this agency.

Appendix D: Technical Requirements For SCR 8652

frmRequirements_Popup_List						
FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
E-Authentication - Agency Registration	0	0	561	Euth integration shall be terminated and all software and functions to support this functionality shall be removed like Oblix software.	Scr#8562	

FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
ORC	5	0	562	Disable ORC functionality for Agency Users.	SCR # 8652	

frmRequirements_Popup_List						
FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
User Authentication & Access Control	100	0	564	For a User to register as an Agency user, the Agency code must exist in TGroups database, as well as LDAP. This is created when the PMO office or Agency super user creates an Agency to be a member of Grants.gov community.	SCR # 8652	
User Authentication & Access Control	120	0	565	the system shall have a link to register as an Agency user under the Agency login screen. Register with Grants.gov as an Agency user	SCR # 8652	
User Authentication & Access Control	120	5	566	chose to register with grants.gov as an agency user and enters a valid agency's enrollment code. -Alpha Numeric Code-	SCR # 8562	
User Authentication & Access Control	130	0	117	For Agency users, the user's affiliation shall be defined as the user's parent agency		
User Authentication & Access Control	140	0	567	A notification and authorization email request shall be sent to the Agency super user to authorize the new registered users as a member of that agency. No email notification will be sent to the agency super user when a legacy user updates their profile.	SCR # 8652	
User Authentication & Access Control	145	5	568	The System shall route the Agency user to profile reistration form.	SCR # 8652	
User Authentication & Access	145	10	569	First Name Required -Text 35 characters-	SCR # 8652	

frmRequirements_Popup_List						
FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
Control						
User Authentication & Access Control	145	15	570	MI -middle initials Not Required - Alpha 1 characters-	SCR # 8652	
User Authentication & Access Control	145	20	571	Last Name -Required Alpha numeric 60 characters-	SCR # 8652	
User Authentication & Access Control	145	25	572	DOB -Required (display format of date) MM/DD/YYYY Format display format in error-	SCR # 8652	
User Authentication & Access Control	145	30	573	Job Title -Required Alpha numeric 35 characters-	SCR # 8652	
User Authentication & Access Control	145	35	574	Agency Code -Required Alpha numeric 40 characters -	SCR # 8652	
User Authentication & Access Control	145	40	575	Address 1-Required Alpha numeric 50 characters-	SCR # 8652	
User Authentication & Access Control	145	45	576	Address 2-Not Required Alpha numeric 50 characters-	SCR # 8652	
User Authentication & Access Control	145	50	577	City -Required Alpha numeric 50 characters-	SCR # 8652	
User Authentication & Access Control	145	55	578	Tel -Formatted as follow nnn-nnn-nnnn Required numeric 15 characters for the USA or free style for other countries display format in error for country USA only-	SCR # 8652	
User Authentication & Access Control	145	60	579	Zip Code Required If country USA is Selected, otherwise optional Alpha Numeric 5 or 9 Characters	SCR # 8652	
User Authentication & Access Control	145	65	580	State -Required If country USA is Selected, (Pull Down Menu)	SCR # 8652	
User Authentication & Access	145	70	581	Country -Required Pull down Menu List	SCR # 8652	

				frmRequirements_Popup_List		
FunctionName	Seq 1	Seq 2	RID	Requirement	Comment	Edit
Control						
User Authentication & Access Control	145	75	582	E-Mail address -Required e-mail address formatted with @ and .x Must not exist in the system for that agency code	SCR # 8652	
User Authentication & Access Control	145	80	583	Secret Question -Required Alpha numeric 100 characters -	SCR # 8652	
User Authentication & Access Control	145	85	584	Secret Answer -Required Alpha numeric 100 characters	SCR # 8652	
User Authentication & Access Control	145	90	585	Username -Required Must not exist in the system. Username screen will be combined into one screen to eliminate one unnecessary hop to the server and hence making the UI better performing AlphaNumberic 25 Characters	SCR # 8652	
User Authentication & Access Control	145	95	586	Password -Required Alpha numeric 25 characters-	SCR # 8652	
User Authentication & Access Control	145	100	587	Confirm Password Must match the Password Case sensitive	SCR # 8652	
User Authentication & Access Control	145	105	588	Continue -Button- Display Data in next screen in Read only Format . If Required field are not populated display field in red.	SCR # 8652	
User Authentication & Access Control	145	110	589	Agency code, email and username should be unique for the agency code.	SCR # 8652	
User Authentication & Access Control	150	0	590	User Profile Review: All fields shall be in read only mode	SCR # 8652	
User Authentication & Access Control	155	5	591	EDIT Button: If Selected Return the user to the previous page.	SCR # 8652	
User Authentication & Access Control	155	10	592	Submit Button: On Select validate that user name and email address (email validated in the previous screen) are unique in the system Display Confirmation message on top "Registration Successful" and Continue Button.	SCR # 8652	
User Authentication	160	0	593	Login Screen A new login screen will be added, as well as two links:	SCR # 8652	

				frmRequirements_Popup_List		
FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
& Access Control				Forgot my username (Link for forgot username screen) Forgot my password (Link for forgot password screen) Register with Grants.gov		
User Authentication & Access Control	165	0	594	Frogot My Username shall inheret the same functionality as Applicant Frogot My Username process	SCR # 8652	
User Authentication & Access Control	165	5	596	The email shell be formatted as follow: Email received by the agency user shall be formatted as follow: Form: Support@grants.gov To: Subject: Grants.gov login notification Your email address, xxxx@domain.com, is associated with the following login name: Your Login Name To sign in, visit the link below. https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp If clicking the link above does not work, copy and paste the URL in a new browser window instead. If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center. Thank you for using Grants.gov Contact Center: support@grants.gov 1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)	SCR # 8652	
User Authentication & Access Control	170	0	595	Forgot My Password shall inheret the same functionality as Applicant Forgot My Password process	SCR # 8652	
User Authentication & Access Control	170	5	598	the email sent shall be formatted as follow: i) Email received by the agency user will be formatted as follow: Form: Support@grants.gov To: Subject: Grants.gov login notification Your username is associated with the following password:	SCR # 8652	

frmRequirements_Popup_List						
FunctionName	Seq 1	Seq 2	RID	Requirement	Comment	Edit
				Your Password: To sign in, visit the link below. https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp If clicking the link above does not work, copy and paste the URL in a new browser window instead. If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center. Thank you for using Grants.gov Contact Center: support@grants.gov 1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)		
User Authentication & Access Control	180	0	597	Legacy Agency User Login: Once an agency user login the system shall validate if this agency user is a legacy –GG –agency user or new agency user –registered with grant.gov directly –if legacy agency user, system shall be redirected to the registration page to complete agency user information and follow the regular registration process. Once complete the legacy agency user shall be directed to the agency user landing page. Upon gathering registration data, system shall update ldap attributes on the user's profile (people branch) only and will keep user permissions enact.	SCR # 8652	

frmRequirements_Popup_List						
FunctionName	Seq 1	Seq 2	RID	Requirement	Comment	Edit
Sign-in	60	0	601	Agency users must be registered with grants.gov for authentication purposes. System-to-System require commercial certificate authorities, or federal systems that choose to continue to perform credential management functions. Agency credentials will be used to authenticate the identity of the user during grants management functionality. The credentials will be validated by Grants.gov .	SCR # 8652	
Sign-in	60	5	599	Agency Login Screen: username and password and two new links will be added to the login screen: Forgot my username (Link for forgot username screen) Forgot my password (Link for forgot password screen) Register with Grants.gov	SCR # 8652	
Sign-in	60	15	602	Forgot user name: Once the link is selected a second page will be displayed for agency users.	SCR # 8652	
Sign-in	60	20	603	Agency user must enter their email address (required) On submit	SCR # 8652	

				frmRequirements_Popup_List		
FunctionName	Seq 1	Seq 2	RID	Requirement	Comment	Edit
				An email will be sent to the email address in the LDAP that match the email entered.		
Sign-in	60	25	604	If The email address entered does not match LDAP an error will be displayed in red "Email address entered does not match our records" To correct this, the super user must login to the system and supply the user name form "Manage Agency Users" link.	SCR # 8652	
Sign-in	60	30	605	If the email address is correct a message will appear as follow "An email was sent to your mailbox" The page will have2 links: Back to login forgot My password	SCR # 8652	
Sign-in	60	35	606	Email received by the agency user shall be formatted as follow: Form: Support@grants.gov To: Subject: Grants.gov login notification Your email address, xxxx@domain.com, is associated with the following login name: Your Login Name To sign in, visit the link below. https://apply07.grants.gov/apply/logincontrol.jsp?goto=./secured/AgencyLogin.jsp&loginpage=/jsp/GrantorGetID.jsp If clicking the link above does not work, copy and paste the URL in a new browser window instead. If further assistance is required feel free to search grants.gov help tips and FAQ or contact grants.gov support center. Thank you for using Grants.gov Contact Center: support@grants.gov 1-800-518-4726 (M-F 7:00 AM - 9:00 PM ET)	SCR # 8652	
Sign-in	65	0	607	Legacy Agency Users 1st time login	SCR # 8652	
Sign-in	65	10	608	Migrated legacy users must reset their password the 1st time they login to grants.gov. This functionality is the only way the new system can create a password for the user.	SCR # 8652	
Sign-in	65	15	609	Legacy Agency User Login	SCR # 8652	
Sign-in	65	20	610	Once an agency user login the system shall validate if this agency user is a legacy –GG – agency user or new agency user –registered with grant.gov directly–	SCR # 8652	
Sign-in	65	25	611	If legacy agency user, system shall be redirected to the registration page to complete agency user information and follow the regular registration	SCR # 8652	

				frmRequirements_Popup_List		
FunctionName	**Seq 1**	**Seq 2**	**RID**	**Requirement**	**Comment**	**Edit**
				process.		
Sign-in	65	30	612	Once complete the legacy agency user shall be directed to the agency user landing page. Upon gathering registration data, system shall update ldap attributes on the user's profile (people branch) only and will keep user permissions enact.	SCR # 8652	
Sign-in	65	35	613	Reset My Password	SCR # 8652	
Sign-in	65	40	614	If agency user requires resetting the password they must click on "Forgot My Password link" from the login screen or "Forgot My Username" screen.	SCR # 8652	
Sign-in	65	45	615	On the reset my password screen only one field shall be displayed "the user name" and a submit button called "Get Secret Question" the functionality of the submit button will function differently if the user is a legacy ORC user, or a newly registered user created from by the new system registration functionality.	SCR # 8652	
Sign-in	65	50	616	Newly created users will reset their passwords using the below system work flow:	SCR # 8652	
Sign-in	65	55	617	Once a valid user name is entered the -Get Secret Question- functionality shall displayed on the screen below the secret question and a Secret reply field. On Submit secret answer the system shall validate the answer with the LDAP entries, If an invalid secret answer is entered an error will be displayed -Secret answer is not correct- If a valid secret answer is entered the system shall display the 3rd set of fields' password.	SCR # 8652	
Sign-in	65	60	618	Once a valid answer is entered the system shall display 2 additional fields "Enter Password" and "Confirm Password" and "Reset Password" button	SCr # 8652	
Sign-in	65	65	619	Agency users must enter a password Password tracking will not be enabled so any password even if it is the same as the existing password, entry will be accepted. Confirm the password in the second field Click on Reset password button	SCR # 8652	
Sign-in	65	70	620	The password is now reset and agency user may click on the "Back to login Screen" link to enter their credentials.	SCR # 8652	
Sign-in	65	75	621	The page will have2 links: Back to login Forgot My Username	SCR # 8652	
Sign-in	66	0	622	Legacy users –with no secret question –will reset their passwords using the below system functionality and work flow:	SCR # 8652	
Sign-in	66	5	623	Once a valid user name is entered the -Get Secret Question- functionality shall trigger an email to the agency user with the password. The email address used shall be what is entered in the grants.gov LDAP, same email used for submission notifications.	SCR # 8652	

END OF DOCUMENT